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Rocky Mountain
Remediation Services, L.L.C.
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INTEROFFICE MEMORANDUM

MAL MP-SMM-052

DATE: June 13, 1996

TO: Bob Malinosky, Criticality Engineer, T886B, X7327

FROM: Herb Finkelman, Project Management, T130F, X5491

SUBJECT: CSOL LIMITS FOR UTILIZATION OF OVERSIZED CRATES FOR
BUILDING 707 "J" MODULE GLOVEBOX REMOVAL AND
TRANSPORT TO BUILDING 776 - HNF-062-96

Ref: K.F. Lenaric memo to Herb Finkelman, "Approval to Transport "J" Module
Gloveboxes on Site", May 15, 1996

Action: Provide CSOL limits for Crates used to package "J" Module Gloveboxes

PURPOSE

The purpose of this correspondence is to verify the requirements for obtaining a specific CSOL for utilization of each oversized crate in Building 707 in accordance with provision Number 1, in the attached memorandum from K. F. Lenaric, dated May 15, 1996.

DISCUSSION

The scope of the project consists of the removal of four (4) large gloveboxes and one (1) small "B" box in the "J" Module of Building 707. All associated utilities are also to be removed. Radiologically contaminated boxes include J20, J40, and J50. They will be removed to Building 776 for volume reduction. J30 will be shipped to Los Alamos for future use.

A strippable paint will be used to decontaminate the boxes in an attempt to reduce contamination levels to a point where they can be classified as low-level waste. Filters will be removed from the filter housings and internal surfaces of the housings will be wiped cleaned. Radiological smears will be taken after final decontamination to determine the classification level of the gloveboxes. The gloveboxes will then be double-wrapped in heavy plastic, crated and transported to Building 776 to be size-reduced and packaged into a standard crate.

In order to insure that a specific CSOL for utilization of the crates is in effect for transportation, and based on preliminary discussions, it is our understanding that the following requirements must be met:

1. Holdup measurement reports, as performed by the Safeguards Measurements Holdup Team, have been provided to assist in this evaluation. There should be no additional holdup measurements required for crate CSOL purposes. It is assumed that the existing quantities of material will be greatly reduced following decontamination of the boxes.
2. Engineering drawings for the crates to be used to package components from the Gloveboxes have been provided for this evaluation.

MEMORANDUM
RECEIVED
JUN 13 1996

ADMIN RECCRD

IA-A-000720

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June 13, 1996
Bob Malinosky
HNF-062-96
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3. Once gloveboxes are removed from the chainveyors, the operational limits for each glovebox will require deposing. This will be handled under routine operations by contacting the CSO, Don Panton at X4988.
4. A Request for Criticality Safety Operating Limits was submitted to you on June 6, 1996, in order for you to evaluate each crate against the existing CSOL for Standard Waste Crates for Building 707 (see attached CSOL 920042/CS-64.3-2/0/22.0.1-1). The evaluation is due to the project no later than June 27, 1996.

RESPONSE REQUIREMENTS

Provide CSOL Limits for each crate to be used for "J" Module Glovebox packaging no later than June 27, 1996.

MTA:dlu

Attachment:
As Stated

Distribution:

DynCorp

K. Lenarcic - - 111

K-H

K. Griffin - -T130F

S. Sergeson - -T130F

RMRS

M. Aycock - T130F

G. Bracken - T130B

C. Guthrie - T130F

S. Garcia - T 664

T. Humiston - T130F

L. Lewis - T893A

M. Nelson - T764B

T. Kocol - 881

SSOC

K. Bates - 441

T. Davidson - 441

M. Klein - 705

H. Mason - 750

P. Sasa - 707

G. Trieste - 750

File 17.402.F

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Rocky Flats Environmental Technology Site
On Site Transportation Committee
P.O. Box 464, T130D
Golden, Colorado 80402

Interoffice Memorandum

DATE: May 15, 1996
TO: Herb Finkelman, Project Management, T130F, X5491
FROM: K. F. Lenarcic, Chair, Bldg. 111, X2377
SUBJECT: APPROVAL TO TRANSPORT "J" MODULE GLOVEBOXES ON SITE

Reference: a.) HNF-052-96; Herb Finkleman to Committee dated May 13, 1996,
Same subject. (as revised May 15, 1996)
b.) Committee Meeting; May 14, 1996

Authorization is granted to execute the on site transportation of gloveboxes in accordance with provisions delineated in reference a.), above. Authorization is subject to the following provisions and restrictions:

- 1.) You must ensure a specific CSOL for utilization of the package in Building 707 is in effect. NMSLS for transport are current.
- 2.) Use of flat bed truck is authorized.
- 3.) Crates must be marked in accordance with the On Site Transportation Safety Manual and appropriate waste packaging procedures. The serial number and DOE Property Identification Numbers should be marked on the exterior of the package.
- 4.) Contamination surveys must be performed in accordance with recent changes to 49CFR. This will enable off site shipment after reduction, or, possibly, crated without reduction.
- 5.) Transportation must be completed by 1/1/97.

Please contact me at X2377 if you have any questions regarding this authorization.

kfl/

cc:
M. Aycock
Committee

TRUPACT II STANDARD WASTE CRATES
FOR BUILDING 707

MAX LIMIT
320 g
PER
CRATE

- **MAX 320 g FISSILE MATERIAL**
- **ANY NUMBER OF CRATES OK**
- **STACKING UP TO 2-HIGH OK**
- **WASTE MATERIALS WRAPPED IN PLASTIC FOR CONTAMINATION CONTROL OK**
- **NO PLASTIC WASTE (PLASTIC HOUSES, PENS, ETC.) ALLOWED IN THESE CRATES**
- **DON'T MECHANICALLY COMPACT WASTE MATERIALS BEFORE OR AFTER BEING PLACED IN CRATES**

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Reviewed By: B. Z. Halpin
Human Factors Engr
Reviewed By: Chad Stew
Crt Engr

Reviewed By: 202-95-132 Dan R. Benton
Ops Rev Comm
Approved By: [Signature]
User

TRUPACT II STANDARD WASTE CRATES FOR BUILDING 707

ENGINEERED SAFETY FEATURES

1. These crates have minimum dimensions of 69" x 52.25" x 37" and are defined by Drawing 165-F-001-W.

Reviewed By: B Z Hark

Human Factors Engr

Reviewed By: Chris Stow

Crit Engr

Reviewed By: 707-93-132

Ops Res Comm

Approved By: [Signature]

User

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